

Climate: Extreme Events

How does could / warm Pacific SST pattern influence storm track anomalies, regional / local hydrologic anomalies over land?

What skill do GMAO experimental forecasts indicate?

What mechanistic experiments can be devised to assess this (replays?)

Integration Projects

To what extent can NEWS flux retrievals, reanalyses, and model experiments be integrated to comment on big questions: Is WEC changing regionally, globally? How has Walker / Hadley varied over the satellite record? Can we reconcile model / observed WEC scaling relationships?

- Water vapor, heat transport
- Ocean heat flux variability and lag relationships to SST
- Cloud Feedbacks
- WEC scaling diagnostics